

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
*( Not for submission under 37 CFR 1.99)*

Application Number	09718725
Filing Date	2000-11-22
First Named Inventor	Boyle, William J.
Art Unit	1647
Examiner Name	DeBerry, Regina M.
Attorney Docket Number	A-378CIP2C3 Supp050609

U.S.PATENTS							<a href="#">Remove</a>
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	
	1						

If you wish to add additional U.S. Patent citation information please click the Add button. [Add](#)

U.S.PATENT APPLICATION PUBLICATIONS							<a href="#">Remove</a>
Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	
	1						

FOREIGN PATENT DOCUMENTS							<a href="#">Remove</a>	
Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> i	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
/RMD/	1	0816380	EP	A1	1998-07-01	Goto, M. et al.		<input type="checkbox"/>
/RMD/	2	9605309	WO	A2	1996-02-22	Friedman, Jeffrey M. et al.		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button [Add](#)

NON-PATENT LITERATURE DOCUMENTS							<a href="#">Remove</a>
---------------------------------	--	--	--	--	--	--	------------------------

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(Not for submission under 37 CFR 1.99)

Application Number	09718725
Filing Date	2000-11-22
First Named Inventor	Boyle, William J.
Art Unit	1647
Examiner Name	DeBerry, Regina M.
Attorney Docket Number	A-378CIP2C3 Supp050609

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T5
/RMD/	1	Adams et al., "Complementary DNA sequencing: expressed sequence tags and human genome project", <i>Science</i> , 252: 1651-1656 (1991)	<input type="checkbox"/>
/RMD/	2	Anderson W. F., "Prospects for Human Gene Therapy", <i>Science</i> , 226: 401-409 (1984)	<input type="checkbox"/>
/RMD/	3	Baylink et al., "The diagnosis and treatment of osteoporosis: future prospects", <i>Mol. Med. Today</i> , pgs 133-140 (1999)	<input type="checkbox"/>
/RMD/	4	Bork et al., "Go hunting in sequence databases but watch out for the traps", <i>Trends in Genetics</i> , 12: 425-427 (1996)	<input type="checkbox"/>
/RMD/	5	Bork, P., "Powers and pitfalls in sequence analysis: The 70% hurdle", <i>Genome Research</i> , 10: 398-400 (2000)	<input type="checkbox"/>
/RMD/	6	Brenner, S., "Errors in genome annotation", <i>Trends in Genetics</i> , 15: 132-133 (1999)	<input type="checkbox"/>
/RMD/	7	Buckel, "Recombinant proteins for therapy", <i>Trends in Pharmacol. Sciences</i> , 17(12): 450-456 (1996)	<input type="checkbox"/>
/RMD/	8	Crystal, R. G., "Transfer of Genes to Humans: Early Lessons and Obstacles to Success", <i>Science</i> , 270: 404-410 (1995)	<input type="checkbox"/>
/RMD/	9	Doerks et al., "Protein annotation: detective work for function prediction", <i>Trends in Genetics</i> , 14: 248-250 (1998)	<input type="checkbox"/>
/RMD/	10	Deonarain, M. P., "Ligand-targeted receptor-mediated vectors for gene delivery", <i>Expert Opin. Ther. Patents</i> , 8(1): 53-69 (1998)	<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(Not for submission under 37 CFR 1.99)

Application Number	09718725
Filing Date	2000-11-22
First Named Inventor	Boyle, William J.
Art Unit	1647
Examiner Name	DeBerry, Regina M.
Attorney Docket Number	A-378CIP2C3 Supp050609

/RMD/	11	Eck et al., Gene-based therapy, Chapter 5, pgs 77-101, Goodman & Gilman's The Pharmacological Basis of Therapeutics, 9th Ed., McGraw-Hill (1996)	<input type="checkbox"/>
/RMD/	12	Anderson, W. French, "The current status of clinical gene therapy", Human Gene Therapy, 13: 1261-1262 (2002)	<input type="checkbox"/>
/RMD/	13	Miller, N. et al., "Targeted vectors for gene therapy", FASEB J., 9: 190-199 (1995)	<input type="checkbox"/>
/RMD/	14	Orkin et al., <a href="http://www.nih.gov/news/panelrep.html">www.nih.gov/news/panelrep.html</a> , pgs 1-36 (Dec. 1995)	<input type="checkbox"/>
/RMD/	15	Rodan et al., "Therapeutic approaches to bone disease", Science, 289: 1508-1514 (2000)	<input type="checkbox"/>
/RMD/	16	Robbins et al., "Viral vectors for gene therapy", Pharmacol Ther, 80(1): 35-47 (1998)	<input type="checkbox"/>
/RMD/	17	Simonet et al., "Osteoprotegerin: A Novel Secreted Protein Involved in the Regulation of Bone Density", Cell, 89:309-319 (1997)	<input type="checkbox"/>
/RMD/	18	Skolnick et al., "From genes to protein structure and function: novel applications of computational approaches in the genomic era", Trends in Biotech, 18(1): 34-39 (2000)	<input type="checkbox"/>
/RMD/	19	Smith et al., "The challenges of genome sequence annotation or "The devil is in the details", Nature Biotechnology, 15: 1222-1223 (1997)	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

Examiner Signature	/Regina DeBerry/ (07/13/2009)	Date Considered
--------------------	-------------------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	09718725
Filing Date	2000-11-22
First Named Inventor	Boyle, William J.
Art Unit	1647
Examiner Name	DeBerry, Regina M.
Attorney Docket Number	A-378CIP2C3 Supp050609

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

/Regina DeBerry/ (07/13/2009)